

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Wei, et al.

Docket No: KCX-691 (18379)

Serial No: 10/718,997

Group No: 1645

Confirmation No: 9089

Examiner: Unknown

Customer No: 22827

Filed: November 21, 2003

Date: July 12, 2004

For: Extension Of The Dynamic Detection Range Of Assay Devices

**RELATED U.S. PATENT APPLICATIONS**

ASSISTANT COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

The following commonly assigned U.S. Patent Applications are being cited to the Examiner for review and consideration. Enclosed please find copies of these applications. Once the applications have been reviewed, it is requested that the Examiner place his or her initial to the left of the identified patents on the list document to indicate that the specific patent applications have been considered.

RELATED U.S. APPLICATIONS

<u>Examiner's Initial</u>	<u>Inventor</u>	<u>Serial Number</u>	<u>Filing Date</u>	<u>Title of Application</u>
<u>JTP</u>	Wei, et al.	10/325,429 (KCX-570)	12/19/2002	Self-Calibrated Flow- Through Assay Devices
<u>JTP</u>	Yang, et al.	10/406,577 (KCX-634)	04/03/2003	Assay Devices That Utilize Hollow Particles
<u>JTP</u>	Wei, et al.	10/325,614 (KCX-642)	12/19/2002	Reduction Of The Hook Effect In Membrane- Based Assay Devices
<u>JTP</u>	Wei, et al.	10/406,631 (KCX-650)	04/03/2003	Reduction Of The Hook Effect In Assay Devices

<u>JP</u>	Xuedong Song	10/719,976 (KCX-693)	11/21/2003	Method For Extending The Dynamic Detection Range Of Assay Devices
<u>JP</u>	Yang, et al.	10/741,434 (KCX-727)	12/19/2003	Laminated Assay Devices
<u>JP</u>	Yang, et al.	10/742,589 (KCX-728)	12/19/2003	Flow Control Of Electrochemcial-Based Assay Devices
<u>JP</u>	Yang, et al.	10/742,590 (KCX-729)	12/19/2003	Flow-Through Assay Devices
<u>JP</u>	Xuedong Song	10/718,989 (KCX-741)	11/21/2003	Membrane-Based Lateral Flow Assay Devices That Utilize Phosphorescent Detection
<u>JP</u>	Ning Wei	10/718,996 (KCX-742)	11/21/2003	Method Of Reducing The Sensitivity Of Assay Devices
<u>JP</u>	David S. Cohen	10/836,093 (KCX-826)	04/30/2004	Optical Detection Systems
<u>JP</u>	Boga, et al.	10/790,617 (KCX-827)	03/01/2004	Assay Devices Utilizing Chemichronic Dyes



(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: KCX-691 (18379)	Serial Number: 10/718,997
	Applicant: Wei, et al.	
	Filing Date: November 21, 2003 Confirmation No: 9089	Group Art Unit: 1645

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U.S. PATENT DOCUMENTS											
EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER								ISSUE DATE	COPY NOTE
JDS	Lipman, et al.	D	4	5	0	8	5	4		11/20/2001	5
	Bruschi	R	E	3	0	2	6	7		05/06/1980	5
	Burch	1	3	6	6	2	4	1		01/18/1921	5
	Keim	3	7	0	0	6	2	3		10/24/1972	5
	Keim	3	7	7	2	0	7	6		11/13/1973	5
	Deutsch, et al.	4	0	9	4	6	4	7		06/13/1978	5
	Stoy	4	1	1	0	5	2	9		08/29/1978	5
	Grubb, et al.	4	1	6	8	1	4	6		09/18/1979	5
	Dorman, et al.	4	2	1	0	7	2	3		07/01/1980	5
	Litman, et al.	4	2	7	5	1	4	9		06/23/1981	5
	Wohljen	4	3	1	2	2	2	8		01/26/1982	5
	Greenquist	4	3	6	3	8	7	4		12/14/1982	5
	Tom, et al.	4	3	6	6	2	4	1		12/28/1982	5
	Litman, et al.	4	3	7	4	9	2	5		02/22/1983	5
	Chen, et al.	4	3	8	5	1	2	6		05/24/1983	5
	Columbus	4	4	2	6	4	5	1		01/17/1984	5
	Kowalski, et al.	4	4	2	7	8	3	6		01/24/1984	5
	Zuk, et al.	4	4	3	5	5	0	4		03/06/1984	5
	White	4	4	4	1	3	7	3		04/10/1984	5
	Greenquist, et al.	4	4	4	2	2	0	4		04/10/1984	5
	Ludwig	4	4	4	4	5	9	2		04/24/1984	5
	Mitra	4	4	7	7	6	3	5		10/16/1984	5
	Craig, et al.	4	4	8	0	0	4	2		10/30/1984	5
	Clark, et al.	4	5	3	3	4	9	9		08/06/1985	5
	Litman, et al.	4	5	3	3	6	2	9		08/06/1985	5
	Papadakis	4	5	3	4	3	5	6		08/13/1985	5
	Keim	4	5	3	7	6	5	7		08/27/1985	5
	Elings, et al.	4	5	3	7	8	6	1		08/27/1985	5
	Litman, et al.	4	5	4	0	6	5	9		09/10/1985	5
	Lowne	4	5	5	2	4	5	8		11/12/1985	5
	Sekler, et al.	4	5	6	1	2	8	6		12/31/1985	5
	Lowe, et al.	4	5	6	2	1	5	7		12/31/1985	5
	Miller	4	5	8	6	6	9	5		05/06/1986	5
	Cragle, et al.	4	5	9	5	6	6	1		06/17/1986	5
	Ballato	4	5	9	6	6	9	7		06/24/1986	5
JDS	Schmidt, et al.	4	6	1	4	7	2	3		09/30/1986	5

(Rev. 5-92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: KCX-691 (18379)	Serial Number: 10/718,997
	Applicant: Wei, et al.	
	Filing Date: November 21, 2003	Group Art Unit: 1645
	Confirmation No: 9089	

	Brunsting	4	6	3	2	5	5	9	12/30/1986	5
	Krull, et al.	4	6	6	1	2	3	5	04/28/1987	5
	Schwartz, et al.	4	6	9	8	2	6	2	10/06/1987	5
	Lee, et al.	4	7	2	2	8	8	9	02/02/1988	5
	Valkirs, et al.	4	7	2	7	0	1	9	02/23/1988	5
	Luorola, et al.	4	7	3	1	3	3	7	03/15/1988	5
	Graham, Jr., et al.	4	7	4	3	5	4	2	05/10/1988	5
	Janata, et al.	4	7	7	6	9	4	4	10/11/1988	5
	de Jaeger, et al.	4	8	3	7	1	6	8	06/06/1989	5
	Blaylock	4	8	4	2	7	8	3	06/27/1989	5
	Litman, et al.	4	8	4	3	0	0	0	06/27/1989	5
	Noguchi, et al.	4	8	4	3	0	2	1	06/27/1989	5
	Batchelder, et al.	4	8	4	4	6	1	3	07/04/1989	5
	Litman, et al.	4	8	4	9	3	3	8	07/18/1989	5
	Rosenstein, et al.	4	8	5	5	2	4	0	08/08/1989	5
	Ullman, et al.	4	8	5	7	4	5	3	08/15/1989	5
	Devaney, Jr., et al.	4	8	7	7	5	8	6	10/31/1989	5
	Stewart	4	8	7	7	7	4	7	10/31/1989	5
	Pyke, et al.	4	8	9	5	0	1	7	01/23/1990	5
	Brown, III, et al.	4	9	1	6	0	5	6	04/10/1990	5
	Bhattacharjee	4	9	1	7	5	0	3	04/17/1990	5
	Ley, et al.	4	9	4	0	7	3	4	07/10/1990	5
	Hillman, et al.	4	9	6	3	4	9	8	10/16/1990	5
	McDonald, et al.	4	9	7	3	6	7	0	11/27/1990	5
	Godfrey	4	9	9	2	3	8	5	02/12/1991	5
	Livesay	5	0	0	3	1	7	8	03/26/1991	5
	Finlan	5	0	2	3	0	5	3	06/11/1991	5
	Lee, et al.	5	0	2	6	6	5	3	06/25/1991	5
	Finlan, et al.	5	0	3	5	8	6	3	07/30/1991	5
	Finlan	5	0	5	5	2	6	5	10/08/1991	5
	Cozzette, et al.	5	0	6	3	0	8	1	11/05/1991	5
	Finlan	5	0	6	4	6	1	9	11/12/1991	5
	Durley, III, et al.	5	0	7	5	0	7	7	12/24/1991	5
	Frye, et al.	5	0	7	6	0	9	4	12/31/1991	5
	Kane, et al.	5	0	9	6	6	7	1	03/17/1992	5
	Leiner, et al.	5	1	1	4	6	7	6	05/19/1992	5
	Chan, et al.	5	1	2	0	6	6	2	06/09/1992	5
	Hewlins, et al.	5	1	2	4	2	5	4	06/23/1992	5
	Kuypers, et al.	5	1	3	4	0	5	7	07/28/1992	5
	Manian, et al.	5	1	3	7	6	0	9	08/11/1992	5
	Pirrung, et al.	5	1	4	3	8	5	4	09/01/1992	5
	Cox, et al.	5	1	4	5	7	8	4	09/08/1992	5
	Kaetsu, et al.	5	1	5	2	7	5	8	10/06/1992	5
	Litman, et al.	5	1	5	6	9	5	3	10/20/1992	5
	Mifflitt, et al.	5	1	7	9	2	8	8	01/12/1993	5
	Giesecke, et al.	5	1	8	2	1	3	5	01/26/1993	5
	Backman, et al.	5	1	9	6	3	5	0	03/23/1993	5
	Liberi, et al.	5	2	0	0	0	8	4	04/06/1993	5
	Nakayama, et al.	5	2	0	8	5	3	5	05/04/1993	5
	Manian, et al.	5	2	2	1	4	5	4	06/22/1993	5
	Watanabe, et al.	5	2	2	5	9	3	5	07/06/1993	5
	McGeehan, et al.	5	2	3	4	8	1	3	08/10/1993	5
	Nomura, et al.	5	2	3	5	2	3	8	08/10/1993	5
	Higo, et al.	5	2	3	8	8	1	5	08/24/1993	5
	Bereström, et al.	5	2	4	2	8	2	8	09/07/1993	5
	Tarcha, et al.	5	2	5	2	4	5	9	10/12/1993	5
	Evangelista, et al.	5	2	6	2	2	9	9	11/16/1993	5

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	Filing Date: November 21, 2003		Group Art Unit: 1645
	Confirmation No: 9089		

✓	Berger, et al.	5	2	6	8	3	0	6	12/07/1993	5
	Cooke, et al.	5	3	1	4	9	2	3	05/24/1994	5
	Suzuki, et al.	5	3	1	6	7	2	7	05/31/1994	5
	Okada, et al.	5	3	2	0	9	4	4	06/14/1994	5
	Detwiler, et al.	5	3	2	1	4	9	2	06/14/1994	5
	Bender, et al.	5	3	2	7	2	2	5	07/05/1994	5
	Bar-Or, et al.	5	3	3	0	8	9	8	07/19/1994	5
	Litman, et al.	5	3	4	2	7	5	9	08/30/1994	5
	Lichtenwalter, et al.	5	3	5	2	5	8	2	10/04/1994	5
	Moorman, et al.	5	3	5	6	7	8	2	10/18/1994	5
	Wu	5	3	5	8	8	5	2	10/25/1994	5
	Attridge	5	3	6	9	7	1	7	11/29/1994	5
	Maule	5	3	7	4	5	6	3	12/20/1994	5
	Gumbrecht, et al.	5	3	7	6	2	5	5	12/27/1994	5
	Selmer, et al.	5	3	8	7	5	0	3	02/07/1995	5
	Lambotte, et al.	5	3	9	5	7	5	4	03/07/1995	5
	Maule	5	4	1	5	8	4	2	05/16/1995	5
	Miller, et al.	5	4	1	8	1	3	6	05/23/1995	5
	Jirikowski	5	4	2	4	2	1	9	06/13/1995	5
	Litman, et al.	5	4	3	2	0	5	7	07/11/1995	5
	Bergström, et al.	5	4	3	6	1	6	1	07/25/1995	5
	Rohr	5	4	4	5	9	7	1	08/29/1995	5
	Barrett, et al.	5	4	5	1	6	8	3	09/19/1995	5
	Josse, et al.	5	4	5	5	4	7	5	10/03/1995	5
	Hendrix	5	4	6	4	7	4	1	11/07/1995	5
	Liberti, et al.	5	4	6	6	5	7	4	11/14/1995	5
	Catt, et al.	5	4	6	7	7	7	8	11/21/1995	5
	Bogart, et al.	5	4	6	8	6	0	6	11/21/1995	5
	Bogart, et al.	5	4	8	2	8	3	0	01/09/1996	5
	Barrett, et al.	5	4	8	2	8	6	7	01/09/1996	5
	Lichtenham, et al.	5	4	8	4	8	6	7	01/16/1996	5
	Fodor, et al.	5	4	8	9	6	7	8	02/06/1996	5
	Ackley, et al.	5	4	8	9	9	8	8	02/06/1996	5
	Malmqvist, et al.	5	4	9	2	8	4	0	02/20/1996	5
	Baker, et al.	5	5	0	0	3	5	0	03/19/1996	5
	Senior	5	5	0	4	0	1	3	04/02/1996	5
	Walling, et al.	5	5	0	8	1	7	1	04/16/1996	5
	Bednarski, et al.	5	5	1	0	4	8	1	04/23/1996	5
	Kumar, et al.	5	5	1	2	1	3	1	04/30/1996	5
	Markert-Hahn, et al.	5	5	1	4	5	5	9	05/07/1996	5
	Ekins, et al.	5	5	1	6	6	3	5	05/14/1996	5
	Dosmann, et al.	5	5	1	8	6	8	9	05/21/1996	5
	Suini	5	5	1	8	8	8	3	05/21/1996	5
	Tom-Moy, et al.	5	5	2	7	7	1	1	06/18/1996	5
	Vreeke, et al.	5	5	3	4	1	3	2	07/09/1996	5
	Chadney, et al.	5	5	5	4	5	3	9	09/10/1996	5
	Malmqvist, et al.	5	5	5	4	5	4	1	09/10/1996	5
	Sommer	5	5	6	9	6	0	8	10/29/1996	5
	Lawrence, et al.	5	5	7	1	6	8	4	11/05/1996	5
	Singer, et al.	5	5	7	3	9	0	9	11/12/1996	5
	Davidson	5	5	8	5	2	7	9	12/17/1996	5
	Hansen, et al.	5	5	8	9	4	0	1	12/31/1996	5
	Massey, et al.	5	5	9	1	5	8	1	01/07/1997	5
	Tyler	5	5	9	6	4	1	4	01/21/1997	5
	Stimpson, et al.	5	5	9	9	6	6	8	02/04/1997	5
	Choi, et al.	5	6	1	8	8	8	8	04/08/1997	5
	Bamdad, et al.	5	6	2	0	8	5	0	04/15/1997	5
✓	Hemmila, et al.	5	6	3	7	5	0	9	06/10/1997	5

(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.93(a) (1) (Use several sheets if necessary)	Attorney Docket Number:	Serial Number:
	KCX-691 (18379)	10/718,997
	Applicant:	
	Wei, et al.	
	Filing Date:	Group Art Unit:
	November 21, 2003	1645
	Confirmation No:	
	9089	

42	Tuunanen, et al.	5	6	4	7	9	9	4	07/15/1997	5
	Yamamoto, et al.	5	6	5	8	4	4	3	08/19/1997	5
	Jones, et al.	5	6	6	3	2	1	3	09/02/1997	5
	Jou, et al.	5	6	7	0	3	8	1	09/23/1997	5
	Yee	5	6	7	2	2	5	6	09/30/1997	5
	Sheiness, et al.	5	7	0	0	6	3	6	12/23/1997	5
	Robinson, et al.	5	7	2	6	0	6	4	03/10/1998	5
	Bard, et al.	5	7	3	1	1	4	7	03/24/1998	5
	Alcock, et al.	5	7	3	6	1	8	8	04/07/1998	5
	Brooks, et al.	5	7	5	3	5	1	7	05/19/1998	5
	Ching, et al.	5	7	8	0	3	0	8	07/14/1998	5
	Wang, et al.	5	7	9	5	4	7	0	08/18/1998	5
	Poto, et al.	5	7	9	5	5	4	3	08/18/1998	5
	Shuler, et al.	5	7	9	8	2	7	3	08/25/1998	5
	Davidson	5	8	1	1	5	2	6	09/22/1998	5
	Golden	5	8	2	7	7	4	8	10/27/1998	5
	Maupin	5	8	3	4	2	2	6	11/10/1998	5
	Nohr, et al.	5	8	3	7	4	2	9	11/17/1998	5
	Allen, et al.	5	8	3	7	5	4	6	11/17/1998	5
	Phillips, et al.	5	8	4	3	6	9	2	12/01/1998	5
	Josse, et al.	5	8	5	2	2	2	9	12/22/1998	5
	Buechler	5	8	8	5	5	2	7	03/23/1999	5
	Ikeda, et	5	9	0	6	9	2	1	05/25/1999	5
	Lipskie	5	9	1	0	2	8	6	06/08/1999	5
	Lawrence, et al.	5	9	1	0	4	4	7	06/08/1999	5
	Guerra	5	9	1	0	9	4	0	06/08/1999	5
	Ewart, et al.	5	9	2	2	5	3	7	07/13/1999	5
	Everhart, et al.	5	9	2	2	5	5	0	07/13/1999	5
	Douglas, et al.	5	9	5	1	4	9	2	09/14/1999	5
	Avnery	5	9	6	2	9	9	5	10/05/1999	5
	Sagner, et al.	6	0	0	4	5	3	0	12/21/1999	5
	Everhart	6	0	2	0	0	4	7	02/01/2000	5
	Devine, et al.	6	0	2	7	9	0	4	02/22/2000	5
	Robinson, et al.	6	0	2	7	9	4	4	02/22/2000	5
	Ouermess, et al.	6	0	3	0	7	9	2	02/29/2000	5
	Mullinax, et al.	6	0	3	0	8	4	0	02/29/2000	5
	Siddiqi	6	0	3	3	5	7	4	03/07/2000	5
	Everhart, et al.	6	0	4	8	6	2	3	04/11/2000	5
	Everhart, et al.	6	0	6	0	2	5	6	05/09/2000	5
	Tsuchiya, et al.	6	0	8	0	3	9	1	06/27/2000	5
	Bruno, et al.	6	0	8	4	6	8	3	07/04/2000	5
	Magginetti, et al.	6	0	8	7	1	8	4	07/11/2000	5
	Douglas, et al.	6	0	9	9	4	8	4	08/08/2000	5
	Ullman, et al.	6	1	0	3	5	3	7	08/15/2000	5
	Caillouette	6	1	1	7	0	9	0	09/12/2000	5
	Feistel	6	1	3	6	5	4	9	10/24/2000	5
	Saaski, et al.	6	1	3	6	6	1	1	10/24/2000	5
	Blankenship, et al.	6	1	3	9	9	6	1	10/31/2000	5
	Markart	6	1	5	1	1	1	0	11/21/2000	5
	Brooks	6	1	6	5	7	9	8	12/26/2000	5
	Pham, et al.	6	1	7	1	7	8	0	01/09/2001	5
	Freitag	6	1	7	1	8	7	0	01/09/2001	5
	Hirai, et al.	6	1	7	4	6	4	6	01/16/2001	5
	Manita	6	1	7	7	2	8	1	01/23/2001	5
	Everhart, et al.	6	1	8	0	2	8	8	01/30/2001	5
	Kuo, et al.	6	1	8	3	9	7	2	02/06/2001	5
	Neumann, et al.	6	1	8	4	0	4	2	02/06/2001	5
520	Malick, et al.	6	1	9	4	2	2	0	02/27/2001	5

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✓	Hansen, et al.	6	2	0	0	8	2	0	03/13/2001	5
	Grundig, et al.	6	2	2	1	2	3	8	04/24/2001	5
	Everhart, et al.	6	2	2	1	5	7	9	04/24/2001	5
	Catt, et al.	6	2	3	4	9	7	4	05/22/2001	5
	Catt, et al.	6	2	3	5	2	4	1	05/22/2001	5
	Knapp, et al.	6	2	3	5	4	7	1	05/22/2001	5
	Connolly	6	2	3	5	4	9	1	05/22/2001	5
	Monbouquette	6	2	4	1	8	6	3	06/05/2001	5
	Wieder, et al.	6	2	4	2	2	6	8	06/05/2001	5
	Louderback	6	2	5	5	0	6	6	07/03/2001	5
	Barbera-Guillem, et al.	6	2	6	1	7	7	9	07/17/2001	5
	Chandler, et al.	6	2	6	8	2	2	2	07/31/2001	5
	Crismore, et al.	6	2	7	0	6	3	7	08/07/2001	5
	Buechler	6	2	7	1	0	4	0	08/07/2001	5
	Heller, et al.	6	2	8	1	0	0	6	08/28/2001	5
	Wei, et al.	6	2	8	4	4	7	2	09/04/2001	5
	Maynard, et al.	6	2	8	7	7	8	3	09/11/2001	5
	Herron, et al.	6	2	8	7	8	7	1	09/11/2001	5
	Kuhr, et al.	6	2	9	4	3	9	2	09/25/2001	5
	Aylott, et al.	6	3	3	1	4	3	8	12/18/2001	5
	Sutton, et al.	6	3	4	8	1	8	6	02/19/2002	5
	Massey, et al.	6	3	6	2	0	1	1	03/26/2002	5
	Chang, et al.	6	3	6	8	8	7	3	04/09/2002	5
	Geisberg	6	3	6	8	8	7	5	04/09/2002	5
	Kaylor, et al.	6	3	9	9	2	9	5	06/04/2002	5
	Zarling, et al.	6	3	9	9	3	9	7	06/04/2002	5
	Avnery, et al.	6	4	0	7	4	9	2	06/18/2002	5
	Nishikawa	6	4	1	1	4	3	9	06/25/2002	5
	Hodges, et al.	6	4	1	3	4	1	0	07/02/2002	5
	Everhart, et al.	6	4	3	6	6	5	1	08/20/2002	5
	Clark, et al.	6	4	3	6	7	2	2	08/20/2002	5
	Meade, et al.	6	4	4	4	4	2	3	09/03/2002	5
	Massey, et al.	6	4	4	8	0	9	1	09/10/2002	5
	Lawrence, et al.	6	4	5	1	6	0	7	09/17/2002	5
	Hoyt	6	4	5	5	8	6	1	09/24/2002	5
	Feldman, et al.	6	4	6	1	4	9	6	10/08/2002	5
	Massey, et al.	6	4	6	8	7	4	1	10/22/2002	5
	Barradine, et al.	6	4	7	2	2	2	6	10/29/2002	5
	Caruso, et al.	6	4	7	9	1	4	6	11/12/2002	5
	Kennedy	6	5	0	9	0	8	5	01/21/2003	5
	Brooks, et al.	6	5	0	9	1	9	6	01/21/2003	5
	Carpenier	6	5	1	1	8	1	4	01/28/2003	5
	Rushbrooke, et al.	6	5	5	6	2	9	9	04/29/2003	5
	Bentzen, et al.	6	5	6	6	5	0	8	05/20/2003	5
	Everhart, et al.	6	5	7	3	0	4	0	06/03/2003	5
	McGrath, et al.	6	5	7	9	6	7	3	06/17/2003	5
	Ponomarev, et al.	6	5	8	2	9	3	0	06/24/2003	5
	Dapprich	6	5	8	5	9	3	9	07/01/2003	5
	LaBorde	6	6	0	7	9	2	2	08/19/2003	5
	Richter, et al.	6	6	1	3	5	8	3	09/02/2003	5
	Springer, et al.	6	6	1	7	4	8	8	09/09/2003	5

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(Rev. 5-92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a)(1) (Use several sheets if necessary)	Attorney Docket Number: KCX-691 (18379)	Serial Number: 10/718,997
	Applicant: Wei, et al.	
	Filing Date: November 21, 2003 Confirmation No: 9089	Group Art Unit: 1645

EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER								PUBLICATION DATE	COPY NOTE
JTB	Sidwell, et al.	0	0	1	7	6	1	5		01/23/2003	5
JTB	Song, et al.	0	0	4	3	5	0	2		03/04/2004	5
JTB	Song, et al.	0	0	4	3	5	0	7		03/04/2004	5
JTB	Song, et al.	0	0	4	3	5	1	1		03/04/2004	5
JTB	Song, et al.	0	0	4	3	5	1	2		03/04/2004	5
JTB	Greenwalt	0	0	5	5	7	7	6		12/27/2001	5
JTB	Beckmann	0	0	7	0	1	2	8		06/13/2002	5
JTB	Yang, et al.	0	1	0	6	1	9	0		06/03/2004	5
JTB	Kaylor, et al.	0	1	1	9	2	0	2		06/26/2003	5
JTB	Wei, et al.	0	1	1	9	2	0	4		06/26/2003	5
JTB	Song, et al.	0	1	2	4	7	3	9		07/03/2003	5
JTB	Kitawaki, et al.	0	1	4	6	7	5	4		10/10/2002	5
JTB	Harris, et al.	0	1	6	2	2	3	6		08/28/2003	5
JTB	Rao, et al.	0	1	6	4	6	5	9		11/07/2002	5

FOREIGN PATENT DOCUMENTS															
EXAMINER INITIALS		COUNTRY	DOCUMENT NUMBER							PUBLICATION DATE	TRANSLATION			COPY NOTE	
											YES	NO	N/A		
JTB		WO		0	1	9	8	7	6	5 A1	12/27/2001			X	
JTB		WO		0	1	9	8	7	8	5 A2	12/27/2001			X	
JTB		WO		9	3	0	1	3	0	8 A1	01/21/1993			X	
JTB		WO	0	0	1	9	1	9	9	A1	04/06/2000			X	
JTB		WO	0	0	2	3	8	0	5	A1	04/27/2000		X		
JTB		WO	0	0	4	6	8	3	9	A2 & A3	08/10/2000			X	
JTB		WO	0	0	4	7	9	8	3	A1	08/17/2000			X	
JTB		WO	0	0	5	0	8	9	1	A1	08/31/2000			X	
JTB		EP	0	0	7	3	5	9	3	A1	03/09/1983			X	
JTB		WO	0	0	7	8	9	1	7	A1	12/28/2000			X	
JTB		WO (Corrected Version)	0	1	0	9	8	7	6	5 A1	12/27/2001			X	
JTB		WO	0	1	3	8	8	7	3	A2	05/31/2001			X	
JTB		EP	0	2	0	5	6	9	8	A1	12/30/1986			X	
JTB		WO	0	3	0	0	5	0	1	3 A1	01/16/2003			X	
JTB		EP	0	4	2	0	0	5	3	A1	04/03/1991			X	
JTB		EP	0	4	3	7	2	8	7	B1	07/17/1991			X	
JTB		EP	0	4	6	2	3	7	6	B1	07/24/1996			X	
JTB		EP	0	4	6	9	3	7	7	A2	02/05/1992		X		

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	Applicant: Wei, et al.	
	Filing Date: November 21, 2003 Confirmation No: 9089	Group Art Unit: 1645

	EP	0	6	1	7	7	8	5	A2	09/28/1994		X		
									& A3					
JTD	EP	0	7	0	3	4	5	4	A1	03/27/1996			X	
	EP	0	7	1	1	4	1	4	B1	03/10/1999		X		
JTD	EP	0	7	2	4	1	5	6	A1	07/31/1996			X	
JTD	EP	0	7	4	5	8	4	3	A2 & A3	12/04/1996			X	
JTD	EP	0	8	5	9	2	3	0	A1	08/19/1998			X	
JTD	EP	0	8	9	8	1	6	9	B1	02/24/1999			X	
JTD	EP	1	2	2	1	6	1	6	A1	07/10/2002			X	
JTD	UK	2	2	7	3	7	7	2	A	06/29/1994			X	
JTD	WO	9	1	0	5	9	9	9	A2	05/02/1991			X	
JTD	WO	9	2	2	1	7	6	9	A1	12/10/1992			X	
JTD	WO	9	2	2	1	7	7	0	A1	12/10/1992			X	
JTD	WO	9	2	2	1	9	7	5	A1	12/10/1992			X	
JTD	WO	9	3	1	9	3	7	0	A1	09/30/1993			X	
JTD	WO	9	4	1	3	8	3	5	A1	06/23/1994			X	
JTD	WO	9	4	1	5	1	9	3	A1	07/07/1994			X	
JTD	WO	9	7	0	9	6	2	0	A1	03/17/1997			X	
JTD	WO	9	9	1	0	7	4	2	A1	03/04/1999			X	
JTD	WO	9	9	3	0	1	3	1	A1	06/17/1999			X	
JTD	WO	9	9	3	6	7	7	7	A1	07/22/1999			X	

no trans.

no trans.

\*"NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56C.

EXAMINER INITIALS	OTHER DOCUMENTS	COPY NOTE
JTD	Specify author (if any), Title, Pertinent Pages, Date & Place of Publication Abstract of Japanese Patent No. JP 8062214. 3/8/1996	
JTD	Abstract of Article - <i>Factors influencing the formation of hollow ceramic microspheres by water extraction of colloidal droplets</i> , J. Mater. Res., Vol. 10, No. 1, p. 84	
JTD	Article - <i>A conductometric biosensor for biosecurity</i> , Zarini Muhammad-Tahir and Evangelyn C. Alcolija, Biosensors and Bioelectronics 18, 2003, pp. 813-819	
JTD	Article - <i>A Disposable Amperometric Sensor Screen Printed on a Nitrocellulose Strip: A Glucose Biosensor Employing Lead Oxide as an Interference-Removing Agent</i> , Gang Cui, San Jin Kim, Sung Hyuk Choi, Hakhyun Nam, and Geun Sig Cha, Analytical Chemistry, Vol. 72, No. 8, April 15, 2000, pp. 1925-1929	

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	KCX-691 (18379)	10/718,997
	Applicant:	
	Wei, et al.	
	Filing Date:	Group Art Unit:
	November 21, 2003	1645
	Confirmation No:	
	9089	

JTD	Article - <i>A Fully Active Monolayer Enzyme Electrode Derivatized by Antigen-Antibody Attachment</i> , Christian Bourdillon, Christopher Demaille, Jean Gueris, Jacques Moiroux, and Jean-Michel Savéant, J. Am. Chem. Soc., Vol. 115, No. 26, 1993, pp. 12264-12269		
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	Applicant: Wei, et al.	
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JTD	Article – <i>Direct Observation of Streptavidin Specifically Adsorbed on Biotin-Functionalized Self-Assembled Monolayers with the Scanning Tunneling Microscope</i> , Lukas Häussling, Bruno Michel, Helmut Ringsdorf, and Heinrich Rohrer, Angew Chem. Int. Ed. Engl., Vol. 30, No. 5, 1991, pp. 569-572		
JTD	Article – <i>Electrical Surface Perturbation of a Piezoelectric Acoustic Plate Mode by a Conductive Liquid Loading</i> , Fabien Josse, IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol. 39, No. 4, July 1992, pp. 512-518		
JTD	Article – <i>Europium Chelate Labels in Time-Resolved Fluorescence Immunoassays and DNA Hybridization Assays</i> , Eleftherios P. Diamandis and Theodore K. Christopoulos, Analytical Chemistry, Vol. 62, No. 22, November 15, 1990, pp. 1149-1157		
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JTD	Article – <i>Fabrication of Patterned, Electrically Conducting Polypyrrole Using a Self-Assembled Monolayer: A Route to All-Organic Circuits</i> , Christopher B. Gorman, Hans A. Biebuyck, and George M. Whitesides, American Chemical Society, 2 pages		

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	Applicant: Wei, et al.	
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<p>Article - <i>Fabrication of Surfaces Resistant to Protein Adsorption and Application to Two-Dimensional Protein Patterning</i>, Suresh K. Bhatia, John L. Teixeira, Mariquita Anderson, Lisa C. Shriver-Lake, Jeffrey M. Calvert, Jacques H. Georger, James J. Hickman, Charles S. Dulcey, Paul E. Schoen, and Frances S. Ligler, <i>Analytical Biochemistry</i>, Vol. 208, 1993, pp. 197-205</p>		
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<p>Article - <i>Generation of electrochemically deposited metal patterns by means of electron beam (nano)lithography of self-assembled monolayer resists</i>, J. A. M. Sondag-Hetthorst, H. R. J. van-Hellepunte, and L. G. J. Fokkink, <i>Appl. Phys. Lett.</i>, Vol. 64, No. 3, January 17, 1994, pp. 285-287</p>		
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	Applicant: Wei, et al.	
	Filing Date: November 21, 2003 Confirmation No: 9089	Group Art Unit: 1645

JTD	Article – <i>Hydrogen Peroxide and <math>\beta</math>-Nicotinamide Adenine Dinucleotide Sensing Amperometric Electrodes Based on Electrical Connection of Horseradish Peroxidase Redox Centers to Electrodes Through a Three-Dimensional Electron Relaying Polymer Network</i> , Mark Vreeke, Ruben Maidan, and Adam Heller, <i>Analytical Chemistry</i> , Vol. 64, No. 24, December 15, 1992, pp. 3084-3090		
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JTD	Article – <i>Patterned Condensation Figures as Optical Diffraction Gratings</i> , Amit Kumar and George M. Whitesides, <i>Science</i> , Vol. 263, January 7, 1994, pp. 60-62		
JTD	Article – <i>Patterned Functionalization of Gold and Single Crystal Silicon via Photochemical Reaction of Surface-Confining Derivatives of (n<sup>+</sup>-C<sub>3</sub>H<sub>5</sub>)Mn(CO)<sub>5</sub></i> , Doris Kang and Mark S. Wrighton, <i>Langmuir</i> , Vol. 7, No. 10, 1991, pp. 2169-2174		
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	Applicant: Wei, et al.	
	Filing Date: November 21, 2003 Confirmation No: 9089	Group Art Unit: 1645

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JTD	Article – <i>Room-Temperature Phosphorescent Palladium—Porphine Probe for DNA Determination</i> , Montserrat Roza-Fernández, Maria Jesús Valencia-González, and Marta Elena Díaz-García, <i>Analytical Chemistry</i> , Vol. 69, No. 13, July 1, 1997, pp. 2406-2410		
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	Wei, et al.	
	Filing Date:	Group Art Unit:
	November 21, 2003	1645
	Confirmation No:	
	9089	

JTD	Article - Whole Blood Capcellia CD4/CD8 Immunoassay for Enumeration of CD4+ and CD8+ Peripheral T Lymphocytes, Dominique Carrière, Jean Pierre Vendrell, Claude Fontaine, Aline Jansen, Jacques Reynes, Isabelle Pagès, Catherine Holzmann, Michel Laprade, and Bernard Pau, Clinical Chemistry, Vol. 45, No. 1, 1999, pp. 92-97		
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JTD	Working With FluoSpheres® Fluorescent Microspheres, Properties and Modifications, Product Information from Molecular Probes, March 9, 2001, pp. 1-5		
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JPB JPB	PCT Search Report for PCT/US03/34543	04/06/2004	
	PCT Search Report for PCT/US03/34544	04/20/2004	
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JTD	Van Ness, et al.	5	5	1	4	7	8	5		05/07/1996	5
JTD	Kuo	5	8	7	6	9	4	4		03/02/1999	5
JTD	Buck, et al.	6	3	0	6	6	6	5		10/23/2001	5
JTD	Seul, et al.	6	3	8	7	7	0	7		05/14/2002	5
JTD	Walt, et al.	6	7	2	0	0	0	7		04/13/2004	5

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JTD	Trau, et al.	0	0	1	4	0	7	3		01/22/2004	5

FOREIGN PATENT DOCUMENTS															
EXAMINER INITIALS		COUNTRY	DOCUMENT NUMBER							PUBLICATION DATE	TRANSLATION			COPY NOTE	
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		WO	0	1	6	3	2	9	9	A1	08/30/2001			X	
		WO	8	8	0	4	7	7	7	A1	06/30/1988			X	
		WO	9	9	6	4	8	6	4	A1	12/16/1999			X	

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	Abstract of DE10024145A1	11/22/2001	

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JM	Article – <i>Solid Substrate Phosphorescent Immunoassay Based On Bioconjugated Nanoparticles</i> , Baoquan Sun, Guangshun Yi, Shuying Zhao, Depu Chen, Yuxiang Zhou, and Jing Cheng, <i>Analytical Letters</i> , Vol. 34, No. 10, 2001, pp. 1627-1637		
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JLD	Lihme, et al.	5	7	7	0	4	1	6		06/23/1998	5
JLD	Henkens, et al.	6	3	9	1	5	5	8		05/21/2002	5
JLD	Zhang	6	6	7	0	1	1	5		12/30/2003	5
JLD	Wong, et al.	6	7	8	7	3	6	8		09/07/2004	5
JLD	Jacobson, et al.	6	8	1	5	2	1	8		11/09/2004	5

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JLD	Huang, et al.	2003	0	1	7	8	3	0	9	09/25/2003	5

FOREIGN PATENT DOCUMENTS											
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EXAMINER INITIALS	OTHER DOCUMENTS Specify author (if any), Title, Pertinent Pages, Date & Place of Publication	COPY NOTE
JH	Article - <i>New Use of Cyanosilane Coupling Agent for Direct Binding of Antibodies to Silica Supports. Physicochemical Characterization of Molecularly Bioengineered Layers</i> , Sandrine Falipou, Jean-Marc Chovelon, Claude Martelet, Jacqueline Margonari and Dominique Cathignol, <i>Bioconjugate Chem.</i> , Vol. 10, No. 3, 1999, pp. 346-353	
JH	PCT Search Report and Written Opinion for PCT/US2004/006412	09/28/2004
JH	PCT Search Report and Written Opinion for PCT/US2004/006414	09/28/2004
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HJY		Hirschfeld	3	6	0	4	9	2	7	09/14/1971	5	
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		Mueller	4	0	0	6	3	6	0	02/01/1977	5	
		Carr, et al.	4	2	5	9	5	7	4	03/31/1981	5	
		Fay	4	3	3	6	4	5	9	06/22/1982	5	
		Wieder	4	3	4	1	9	5	7	07/27/1982	5	
		Honig, et al.	4	7	9	1	3	1	0	12/13/1988	5	
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		Hoyt, et al.	5	9	4	3	1	2	9	08/24/1999	5	
		Kain, et al.	6	0	0	8	8	9	2	12/28/1999	5	
		Yokoi	6	3	9	6	0	5	3	05/28/2002	5	
HJY		Völcker, et al.	6	4	7	3	2	3	9	10/29/2002	5	
		Modlin, et al.	6	4	8	3	5	8	2	11/19/2002	5	
		Hoyt	6	6	6	5	0	7	2	12/16/2003	5	

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JHD		WO w/ English Abstract	0	2	0	9	7	4	0	8	12/05/2002		X		

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		Deutsch et al.	4	2	3	5	6	0	1	11/25/1980	5	
		Greenquist	4	8	0	6	3	1	2	02/21/1989	5	
		Recktenwald et al.	4	8	6	7	9	0	8	09/19/1989	5	
		Blackwood et al.	5	1	6	6	0	7	9	11/24/1992	5	
		Jensen	5	3	7	4	5	3	1	12/20/1994	5	
		Pease et al.	5	6	1	8	7	3	2	04/08/1997	5	
		Schwartz	5	8	3	7	5	4	7	11/17/1998	5	
		Blatt et al.	5	9	6	8	8	3	9	10/19/1999	5	
		Mansour	6	0	5	7	1	6	5	05/02/2000	5	
480		Brooks et al.	6	5	0	9	1	9	6	01/21/2003	5	

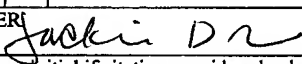
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	WO	2004	0	3	4	0	5	6	A2 & A3	04/22/2004			X	

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U.S. PATENT DOCUMENTS										
EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE
JTB	Wang et al.	5	9	8	5	4	3	2	11/16/1999	5
JTB	Mendel-Hartvig et al.	6	9	1	6	6	6	6	07/12/2003	5

U.S. PATENT APPLICATION PUBLICATIONS										
EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER							PUBLICATION DATE	COPY NOTE
JTB	Ouyang et al. 2002	0	1	3	2	2	8	2	09/19/2002	5
JTB	Voigt et al. 2003	0	1	7	5	5	1	7	09/18/2003	5
JTB	March 2004	0	1	5	2	9	6	3	08/05/2004	5

FOREIGN PATENT DOCUMENTS										
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